

## SEQUENCE LISTING

<110> Holloway, James L.  
Webster, Philippa J.  
Thayer, Edward C.

<120> Mammalian Glycoprotein Hormone-1

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<150> 2001-08-30

<150> US 09/839,706  
<150> 2001-04-20

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Ala Gly Tyr Gly Cys Val Leu Gly Ala Ser Ser Gly Asn Leu Arg Thr  
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ttt gtg ggc tgt gcc gtg agg gag ttt act ttc ctg gcc aag aag cca 144

Phe Val Gly Cys Ala Val Arg Glu Phe Thr Phe Leu Ala Lys Lys Pro				
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ggc tgc agg ggc ctt cgg atc acc acg gat gcc tgc tgg ggt cgc tgt				192
Gly Cys Arg Gly Leu Arg Ile Thr Thr Asp Ala Cys Trp Gly Arg Cys				
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Glu Thr Trp Glu Lys Pro Ile Leu Glu Pro Pro Tyr Ile Glu Ala His				
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His Arg Val Cys Thr Tyr Asn Glu Thr Lys Gln Val Thr Val Lys Leu				
85	90	95		
ccc aac tgt gcc ccg gga gtc gac ccc ttc tac acc tat ccc gtg gcc				336
Pro Asn Cys Ala Pro Gly Val Asp Pro Phe Tyr Thr Tyr Pro Val Ala				
100	105	110		
atc cgc tgt gac tgc gga gcc tgc tcc act gcc acc acg gag tgt gag				384
Ile Arg Cys Asp Cys Gly Ala Cys Ser Thr Ala Thr Thr Glu Cys Glu				
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Glu Thr Trp Glu Lys Pro Ile Leu Glu Pro Pro Tyr Ile Glu Ala His				
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Gly Cys Arg Gly Leu Arg Ile Thr Thr Asp Ala Cys Trp Gly Arg Cys				
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gag acc tgg gag aaa ccc att ctg gaa ccc ccc tat att gaa gcc cat				240
Glu Thr Trp Glu Lys Pro Ile Leu Glu Pro Pro Tyr Ile Glu Ala His				
65	70	75	80	
cat cga gtc tgt acc tac aac gag acc aaa cag gtg act gtc aag ctg				288
His Arg Val Cys Thr Tyr Asn Glu Thr Lys Gln Val Thr Val Lys Leu				
85	90	95		
ccc aac tgt gcc ccg gga gtc gac ccc ttc tac acc tat ccc gtg gcc				336
Pro Asn Cys Ala Pro Gly Val Asp Pro Phe Tyr Thr Tyr Pro Val Ala				
100	105	110		
atc cgc tgt gac tgc gga gcc tgc tcc act gcc acc acg gag tgt gag				384
Ile Arg Cys Asp Cys Gly Ala Cys Ser Thr Ala Thr Thr Glu Cys Glu				
115	120	125		
acc atc tgaggccgct agctgctctc tgcagaccca cctgtgtgag cagcacatgc				440
Thr Ile				
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 35 40 45  
 Gly Cys Arg Gly Leu Arg Ile Thr Thr Asp Ala Cys Trp Gly Arg Cys  
 50 55 60  
 Glu Thr Trp Glu Lys Pro Ile Leu Glu Pro Pro Tyr Ile Glu Ala His  
 65 70 75 80  
 His Arg Val Cys Thr Tyr Asn Glu Thr Lys Gln Val Thr Val Lys Leu  
 85 90 95  
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 Tyr Tyr Arg Lys Tyr Ala Ala Ile Phe Leu Val Thr Leu Ser Val Phe  
 5 10 15

ctg cat gtt ctc cat tcc gct cct gat gtg cag gat tgc cca gaa tgc 152  
 Leu His Val Leu His Ser Ala Pro Asp Val Gln Asp Cys Pro Glu Cys  
 20 25 30

acg cta cag gaa aac cca ttc ttc tcc cag ccg ggt gcc cca ata ctt	200
Thr Leu Gln Glu Asn Pro Phe Phe Ser Gln Pro Gly Ala Pro Ile Leu	
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cag tgc atg ggc tgc tgc ttc tct aga gca tat ccc act cca cta agg	248
Gln Cys Met Gly Cys Cys Phe Ser Arg Ala Tyr Pro Thr Pro Leu Arg	
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tcc aag aag acg atg ttg gtc caa aag aac gtc acc tca gag tcc act	296
Ser Lys Lys Thr Met Leu Val Gln Lys Asn Val Thr Ser Glu Ser Thr	
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tgc tgt gta gct aaa tca tat aac agg gtc aca gta atg ggg ggt ttc	344
Cys Cys Val Ala Lys Ser Tyr Asn Arg Val Thr Val Met Gly Gly Phe	
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aaa gtg gag aac cac acg gcg tgc cac tgc agt act tgt tat tat cac	392
Lys Val Glu Asn His Thr Ala Cys His Cys Ser Thr Cys Tyr Tyr His	
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Lys Ser	
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Leu Arg Ser Lys Lys Thr Met Leu Val Gln Lys Asn Val Thr Ser Glu  
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 Tyr His Lys Ser  
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 Thr Asp Ala Cys Trp Gly Arg Cys Glu Thr Trp Glu Lys Pro Ile Leu  
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 Glu Pro Pro Tyr Ile Glu Ala His His Arg Val Cys Thr Tyr Asn Glu  
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Thr Lys Gln Val Thr Val Lys Leu Pro Asn Cys Ala Pro Gly Val Asp  
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Val Asp Pro Phe Tyr Thr Tyr Pro Val Ala Ile Arg Cys Asp  
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Gly Gly Pro Asp Ser Val Leu Ser Ser Ser Gly Asn Leu His Thr	
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Phe Val Gly Cys Ala Val Arg Glu Phe Thr Phe Met Ala Lys Lys Pro	
35 40 45	
ggc tgc agg gga ctt cgg atc acc aca gat gcc tgc tgg ggc cgc tgc	192
Gly Cys Arg Gly Leu Arg Ile Thr Thr Asp Ala Cys Trp Gly Arg Cys	
50 55 60	
gag acc tgg gag aaa ccc atc ctg gag cct ccc tac att gaa gcc tat	240
Glu Thr Trp Glu Lys Pro Ile Leu Glu Pro Pro Tyr Ile Glu Ala Tyr	
65 70 75 80	
cat cga gtg tgt aca tac aat gag acc aga cag gtg aca gtg aag ctg	288
His Arg Val Cys Thr Tyr Asn Glu Thr Arg Gln Val Thr Val Lys Leu	
85 90 95	
cct aac tgt gcc cct gga gtc gat cct ttc tac acc tac cct atg gct	336
Pro Asn Cys Ala Pro Gly Val Asp Pro Phe Tyr Thr Tyr Pro Met Ala	
100 105 110	
gtc cga tgt gac tgt ggg gcg tgt tcc act gcc acc act gag tgt gag	384
Val Arg Cys Asp Cys Gly Ala Cys Ser Thr Ala Thr Thr Glu Cys Glu	
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His Arg Val Cys Thr Tyr Asn Glu Thr Arg Gln Val Thr Val Lys Leu  
85 90 95  
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